

(12)特許協力条約に基づいて公開された国際出願

(19) 世界知的所有権機関
国際事務局(43) 国際公開日
2004年10月7日 (07.10.2004)

PCT

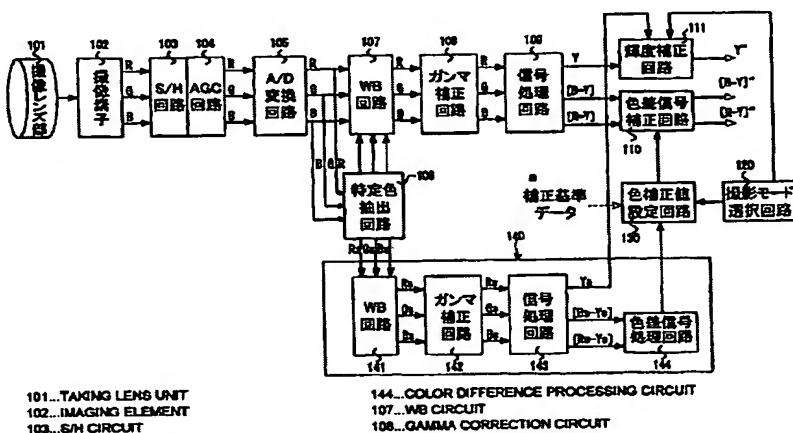
(10) 国際公開番号
WO 2004/086770 A1

(51) 国際特許分類: H04N 9/64
 (72) 発明者: および
 (21) 国際出願番号: PCT/JP2004/003353
 (73) 発明者/出願人(米国についてのみ): 中林 清隆
 (22) 国際出願日: 2004年3月12日 (12.03.2004)
 (74) 代理人: 中村 友之 (NAKAMURA, Tomoyuki); 〒1050001 東京都港区虎ノ門1丁目2番3号虎ノ門第一ビル9階三好内外国特許事務所内 Tokyo (JP).
 (25) 国際出願の言語: 日本語
 (81) 指定国(表示のない限り、全ての種類の国内保護が可能): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NL, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
 (26) 国際公開の言語: 日本語
 (30) 優先権データ:
 特願2003-088060 2003年3月27日 (27.03.2003) JP
 (71) 出願人(米国を除く全ての指定国について): ソニー
 株式会社 (SONY CORPORATION) [JP/JP]; 〒1410001
 東京都品川区北品川6丁目7番3号 Tokyo (JP).

[競業有]

(54) Title: IMAGING DEVICE

(54) 発明の名称: 撮像装置



101...TAKING LENS UNIT
 102...IMAGING ELEMENT
 103...S/H CIRCUIT
 104...AGC CIRCUIT
 105...A/D CONVERSION CIRCUIT
 106...SPECIFIED COLOR EXTRACTING CIRCUIT
 141...WB CIRCUIT
 142...GAMMA CORRECTION CIRCUIT
 143...SIGNAL PROCESSING CIRCUIT
 107...WB CIRCUIT
 108...GAMMA CORRECTION CIRCUIT
 109...SIGNAL PROCESSING CIRCUIT
 a...CORRECTION REFERENCE DATA
 111...BRIGHTNESS CORRECTION CIRCUIT
 110...COLOR DIFFERENCE SIGNAL CORRECTION CIRCUIT
 130...COLOR CORRECTION VALUE SETTING CIRCUIT
 120...IMAGING MODE SELECTION CIRCUIT

WO 2004/086770 A1

(57) Abstract: An imaging device has imaging mode information including information on a color of a video signal specified according to a predetermined imaging condition so as to vary a color correction amount used to correct the specified color depending on the imaging situation and the video. The imaging device comprises selection means for selecting desired information from the imaging mode information, extracting means for extracting a video signal of a specified color from a video signal according to the selected imaging mode information, color difference detecting means for detecting color difference data on the specified color from the extracted video signal of the specified color, and correction reference data storage means storing correction reference data used as a reference for correcting the specified color to a predetermined color. According to the selected imaging mode information, correction reference data on the specified color is selected from the correction reference data storage means. A color correction value for correcting the relevant specified color to a predetermined color with reference to the selected correction reference data and the color difference data on the specified color detected by the color difference detecting means. According to the color correction value, the specified color of the video signal is corrected to the predetermined color.

[競業有]